BRUHAT BENGALURU MAHANAGARA PALIKE

ents Name	:	Executive Engineer Yelahanka Division
oject Name	:	Restoration and Improvements of Mahalakshmi layout, Balaji layout, Best County-II & III, Bhaskar Rec Yelahanka New town Sub Division (PACKAGE NO-10)
onsultants	:	Rudraprasad Consultants
roject Manager /Team Leader	:	Karthik Rechan
roject Start Date	:	15-Feb-22
Project End Date	:	15-Jul-22
Project Length in Months	:	6 Months

	Assignment	Unit	Tender Qnty	Qty of Work done	% Of Work done	Start Date	End Date	No. of Working Days
	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	10066.22	8347.08	83	16-02-22	22-03-22	34
2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	242.26	302.89	100	18-02-22	28-02-22	10
3	Providing and laying in position plain cement concrete of Mix 1:4.8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials,	Cum	1773.43	907.76	51	19-02-22	26-03-22	35
4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, and as per the	Tonne	208.46	149.20	72	20-02-22	28-03-22	36
5	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc..Complete Excluding cost of Steel as per morth MORTH	Cum	3188.26	1988.00	62	23-02-22	05-04-22	41
7	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing.including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.	Sqm	6471.09	3256.04	50	03-03-22	17-03-22	14
8	Removing and refixing stone slabs of drains and pointing in CM	Sqm	1029.06	1286.33	100	27-02-22	09-03-22	10
9	Providing one line dressing to granite stone slab / granite stone masonry as per specifications	Sqm	822.69	728.51	89	03-03-22	08-03-22	5
10	Providing and Fixing pre cast covering Slab 150mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing.including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.	Sqm	765.00	956.25	100	03-03-22	09-03-22	6

Feb-22

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	Assignment	Unit	Tender Qnty	Qty of Work done	% Of Work done	Start Date	End Date	No. of Working Days	Feb-22
	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specificataons. and as per the directions of the Engineer-in-	Cum	282.66	181.06	64	12-03-22	08-04-22	27	
	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc. complete, and as per the directions of the Engineer-in-charge of the work	m	2722.00	18102.00	100	12-03-22	05-04-22	24	
5	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6.	Sqm	3681.90	2443.62	66	13-03-22	10-04-22	28	
16	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	20184.84	17513.34	87	24-02-22	25-04-22	60	
17	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications	Cum	57293.07	49249.47	86	26-02-22	27-04-22	60	
18	Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density	Cum	2390.10	1791.77	75	28-02-22	10-03-22	10	
19	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	8593.96	7387.42	86	11-03-22	27-03-22	16	
20	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications/	Cum	11458.61	9849.89	86	16-03-22	30-03-22	14	
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification. and as per the	Sqm	57293.07	49386.01	86	03-04-22			

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23	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Sqm	57293.07	49386.01	86	07-04-22	19-04-22	12
24	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. and as per the directions of the Engineer-in-charge of the	Cum	2291.72	1975.44	86	07-04-22	19-04-22	12
25	Providing and Constructing dry lean cement concrete mix CC 1:5 10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15 1, Aggregate gradation after blending to be as per Table 600-1,optumum moisture content to be determined during trial length	Cum	144.98	137.84	95	25-03-22	14-04-22	20
26	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS 383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form	Cum	144.98	137.84	95	27-03-22	20-04-22	24
27	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and	Sqm	3108.46	1468.94	47	15-04-22	26-04-22	11
28	Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height	No's	175200.00	1146.00	1	17-04-22	27-04-22	10

Planned %

Executed %

layout, Tharumalanagara and sur

22 Apr-22